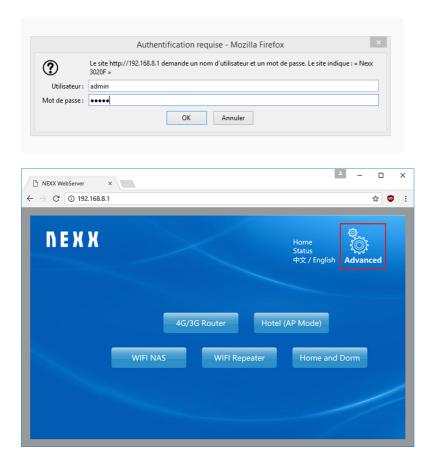
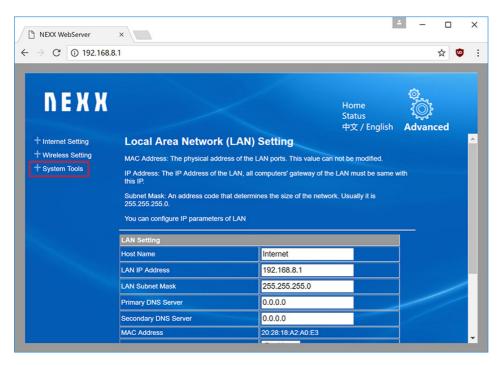
# NEXX WT3020 rooted with OpenWrt on Luci Interface

# 1-FLASHING THE NEXX ROUTER WITH OPENWRT:

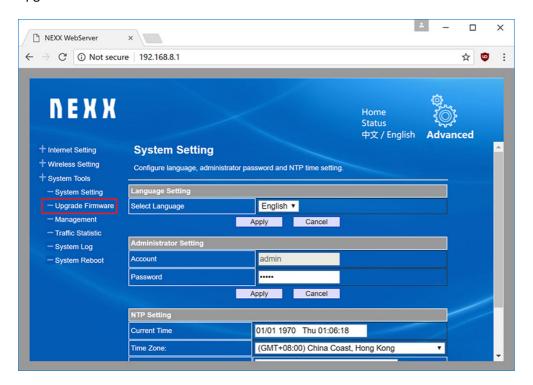
The default address is 192.168.8.1: admin, admin



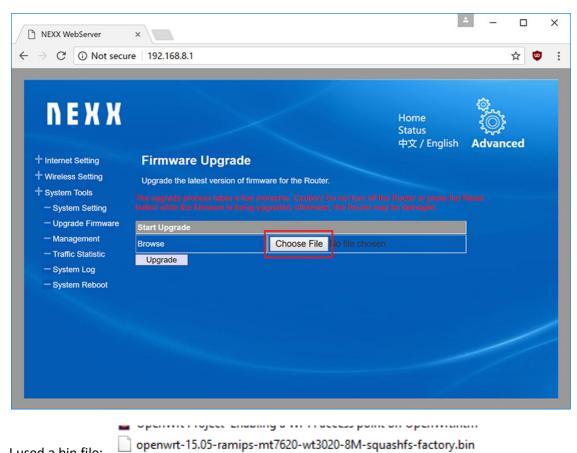
**System Tools:** 



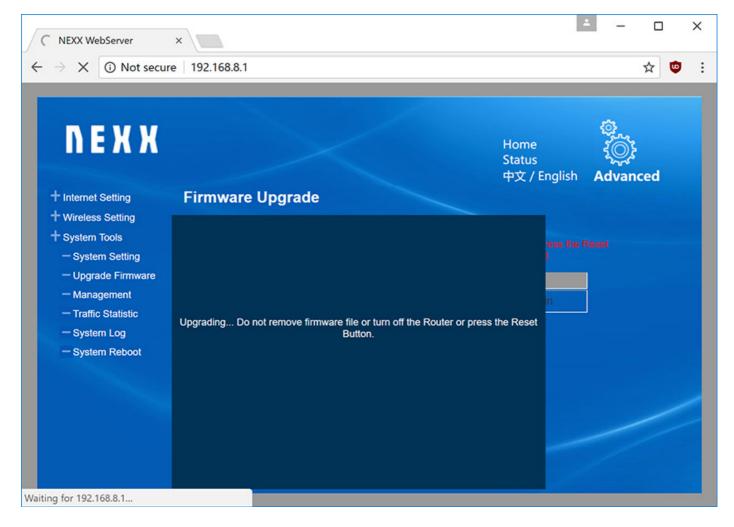
# Upgrade firmware:



# Choose File



I used a bin file:



Flashing the firmware will take a minute or two. Watch your Wi-Fi connection status on your computer or laptop, after a minute or two you will notice that it has lost Wi-Fi connection. If the LED on the **Nexx** is blinking, wait until it stops blinking, then give it another 30 seconds to be sure. Then remove the power plug and put it back in. Another minute later, there should be a Wi-Fi network called **DSLRController**. You can close the browser window now.

# **Default settings**

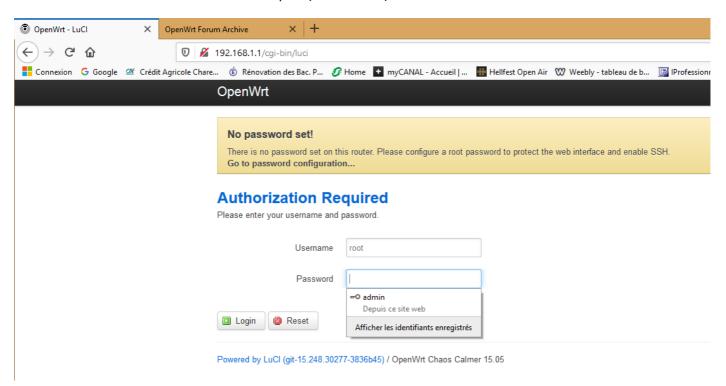
By default, the custom firmware is configured with these settings:

- Management interface address: <a href="http://192.168.1.1/">http://192.168.1.1/</a>
- Management interface username: root
- Management interface password: admin

Your WT3020 is now ready for use, but you can customize the above settings first if you wish.

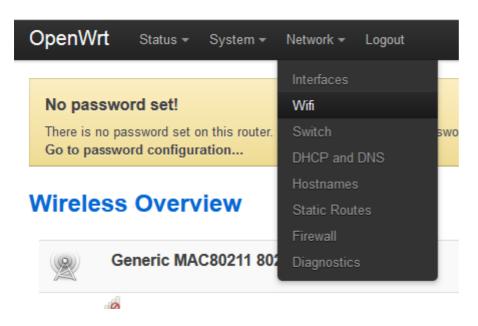
# 2- SETTINGS IN ORDER TO HAVE A ROUTER WITH 2 LAN INSTEAD OF 1 WAN+1 LAN:

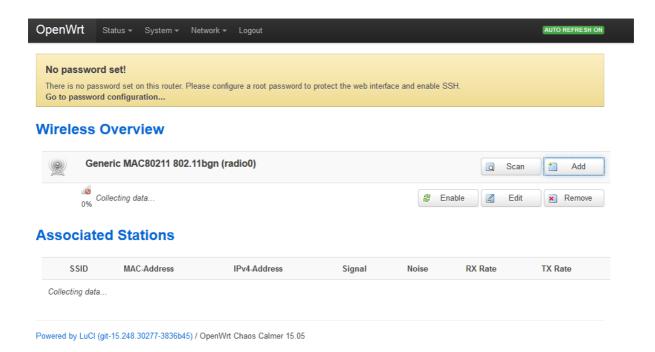
Link the PC to the NEXX WT3020 on the LAN port (not the wan):



Password: admin.

Then activate wifi:





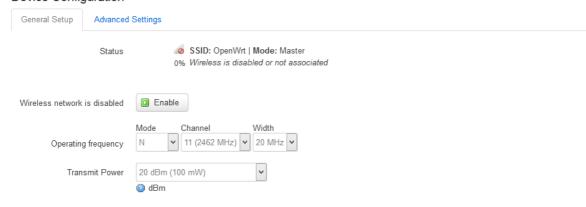
#### Click enable or create a new wireless wan on add:



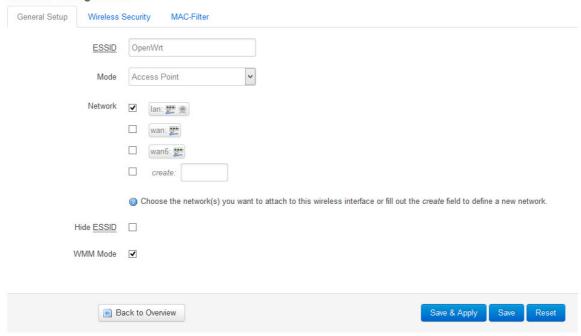
# Wireless Network: Master "OpenWrt" (radio0.network2)

The Device Configuration section covers physical settings of the radio hardware such as channel, transmit power or antenna selection which are shared among all defined wireless networks (if the radio hardware is multi-SSID capable). Per network settings like encryption or operation mode are grouped in the Interface Configuration.

# **Device Configuration**



# Interface Configuration

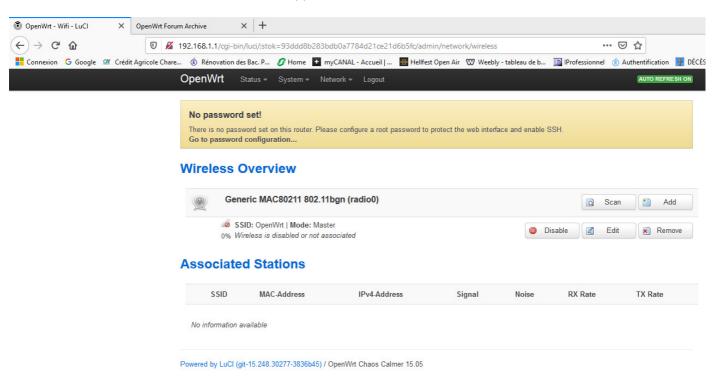


# Applying changes

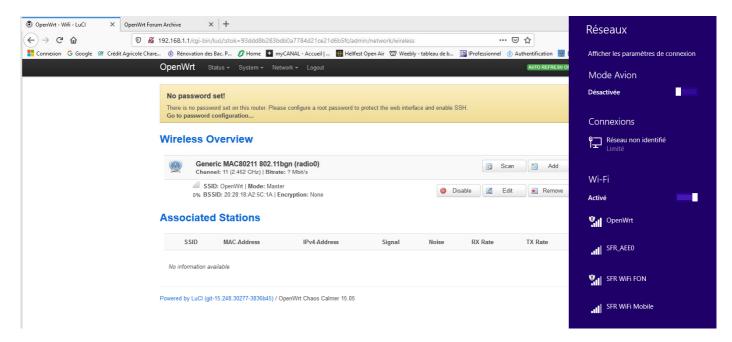
Waiting for changes to be applied...

Save and apply.

Activate the network on Enable after a while it appears Disable:



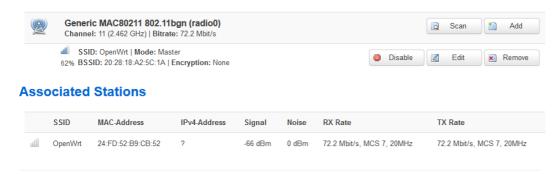
# The wifi appears in the list:



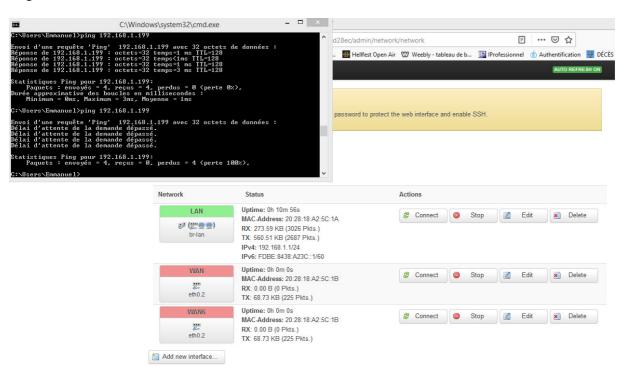
Disconnect the ethernet link and Connect to OpenWrt.

It's connected:

#### **Wireless Overview**



# Ping ok on the LAN but not ok on the WAN:



# WAN and LAN settings:



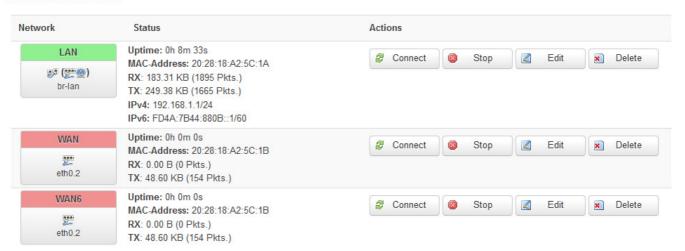
Edit the WAN.

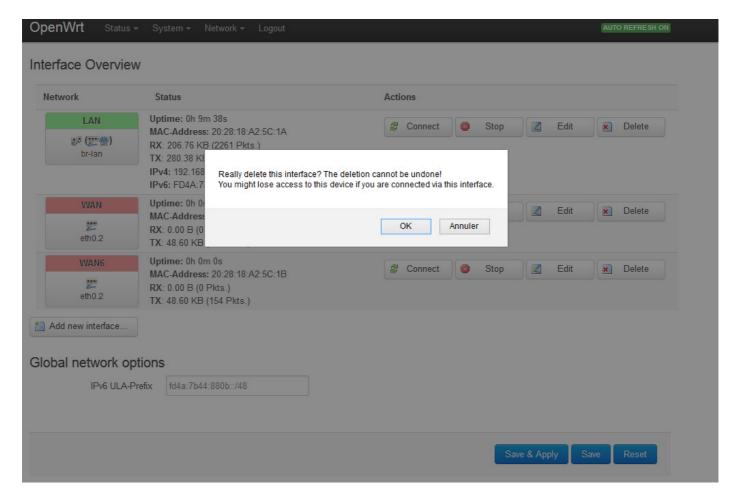
#### Delete WAN IPV6:



# **Interfaces**

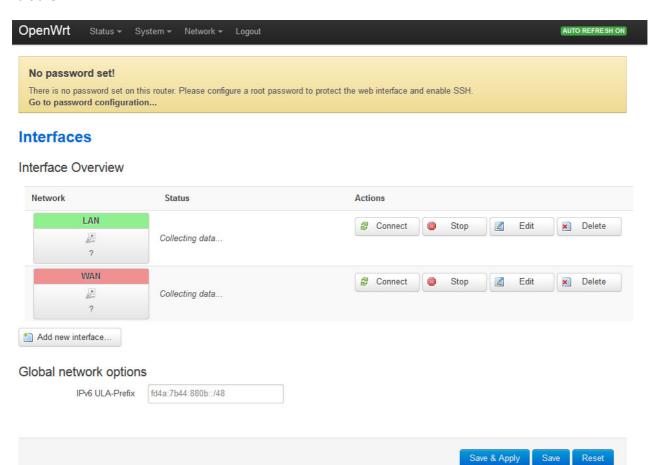
# Interface Overview



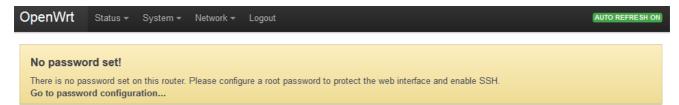


ОК

#### Edit the WAN



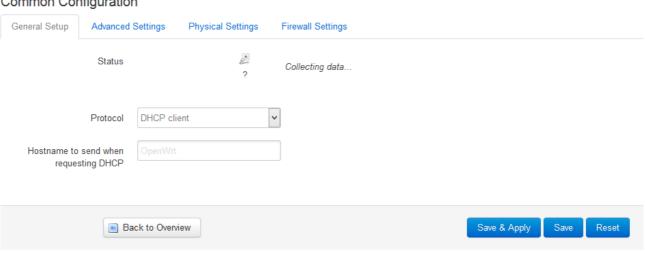
# No change here:



# **Interfaces - WAN**

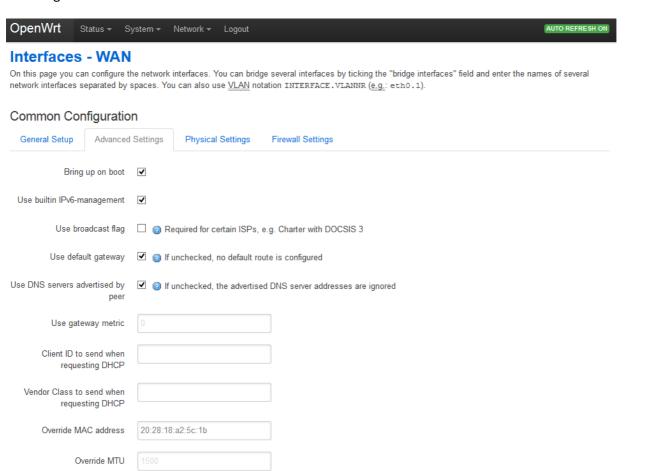
On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use  $\underline{\text{VLAN}}$  notation INTERFACE.VLANNR (e.g.: eth0.1).

# Common Configuration

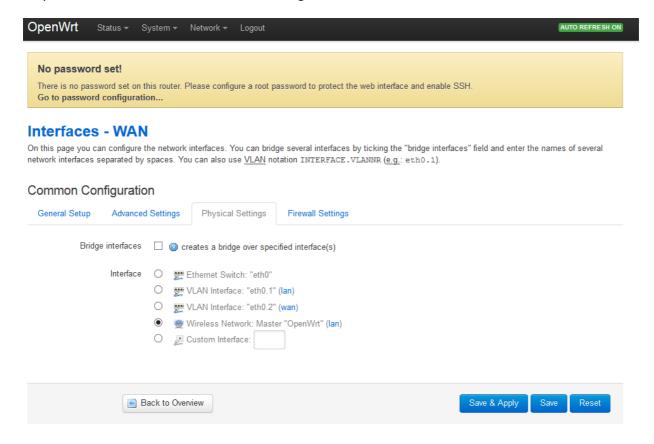


Powered by LuCl (git-15.248.30277-3836b45) / OpenWrt Chaos Calmer 15.05

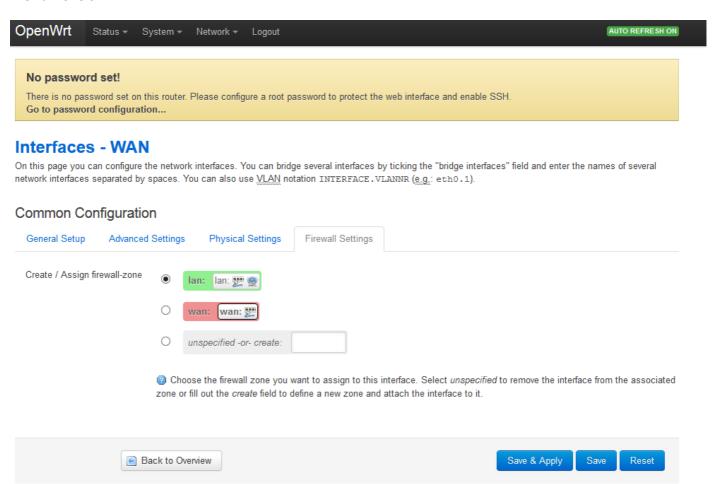
# No change here:



# Only attached to wireless network and no bridge:



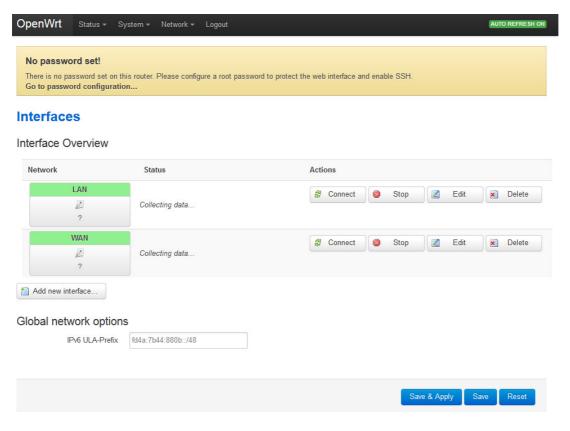
#### Firewal-zone on LAN



# Applying changes



#### Wait:

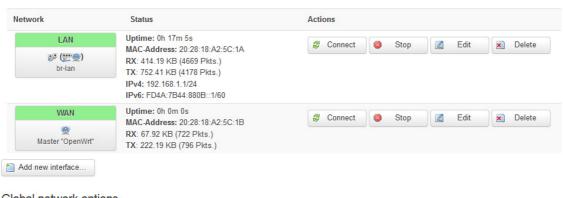


# Edit the LAN:



#### **Interfaces**

#### Interface Overview



# Global network options

IPv6 ULA-Prefix fd4a:7b44:880b::/48

:e21d6b5fc/admin/network/network#

Save & Apply Save Reset

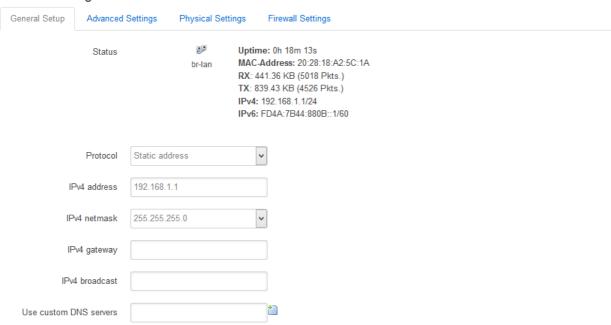
# No change:



#### Interfaces - LAN

On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use <u>VLAN</u> notation INTERFACE.VLANNR (e.g. etho.1).

# **Common Configuration**



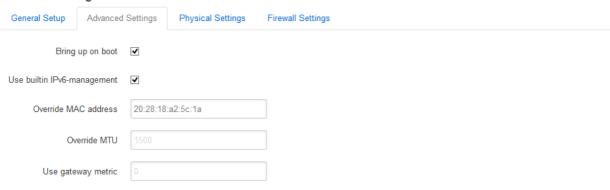
# No change:



### **Interfaces - LAN**

On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use <u>VLAN</u> notation INTERFACE.VLANNR (e.g. etho.1).

#### Common Configuration



# **DHCP Server**

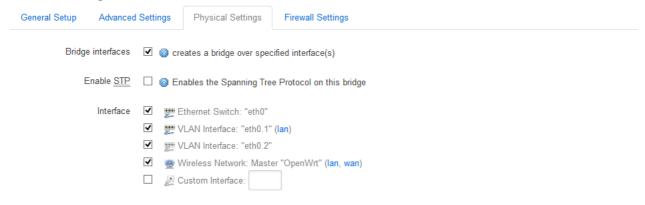
#### Link interface with Ethernet switch VLAN and Wireless network:



# Interfaces - LAN

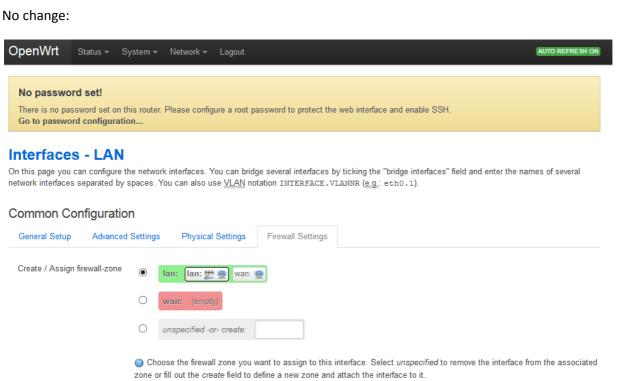
On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use  $\underline{\text{VLAN}}$  notation INTERFACE.VLANNR (e.g.: eth0.1).

# Common Configuration



# **DHCP Server**

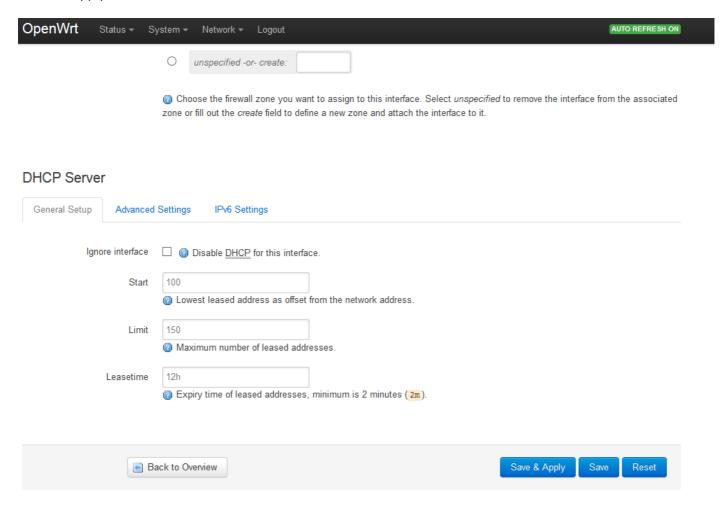
General Setup Advanced Settings IPv6 Settings



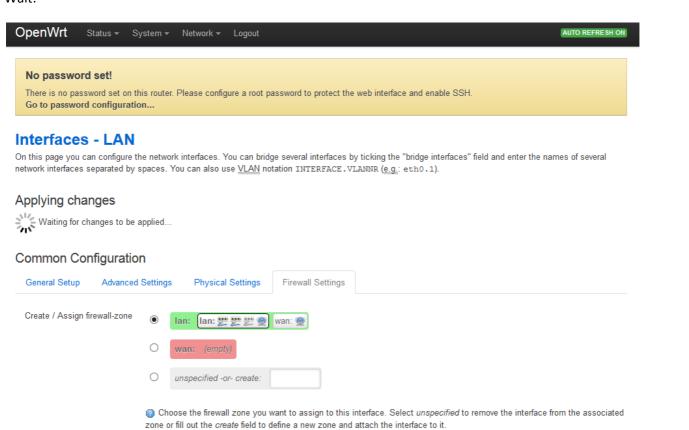
#### **DHCP Server**

General Setup Advanced Settings IPv6 Settings

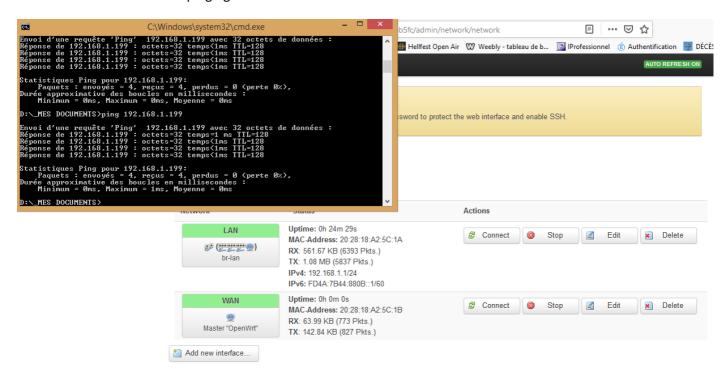
# Save and apply:



# Wait:



#### Link a device on the WAN: it pinging!!!



# Link a device on the LAN: It's pinging too!!!

